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Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. FE-00439

First Inventor or Application Identifier Brady et al.

Title Incr. Suscept. of ICs to ioniz. ra

Express Mail Label No. EK171675975US

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APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 15]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
4. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. Small Entity Statement filed in prior application,
Statement(s) Status still proper and desired
(PTO/SB/09-12)
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:
.....
.....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Group / Art Unit: _____

Prior application information: Examiner _____
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label				or <input type="checkbox"/> Correspondence address below	
(Insert Customer No. or Attach bar code label here)					
Name					
	PATENT TRADEMARK OFFICE				
Address					
City	State		Zip Code		
Country	Telephone		Fax		

Name (Print/Type)	Wayne S. Breyer	Registration No. (Attorney/Agent)	38,089
Signature		Date	June 9, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

09/00/99
U.S. PTO

PTO/SB/17 (6/99)

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FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$864)

<i>Compl't if Known</i>	
Application Number	
Filing Date	
First Named Inventor	Brady et al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	FE-00439

METHOD OF PAYMENT (check one)				FEES CALCULATION (continued)																																																																																																																																							
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number 12-2141</p> <p>Deposit Account Name Lockheed Martin Corp.</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205 65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227 25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139 130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147 2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112 920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113 1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215 55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>380</td><td>216 190 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>870</td><td>217 435 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,360</td><td>218 680 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,850</td><td>228 925 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>300</td><td>219 150 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>300</td><td>220 150 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221 130 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138 1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240 55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,210</td><td>241 605 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,210</td><td>242 605 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>430</td><td>243 215 Design issue fee</td><td></td></tr> <tr><td>144</td><td>580</td><td>244 290 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122 130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123 50 Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126 240 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581 40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>760</td><td>246 380 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>760</td><td>249 380 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr><td colspan="4">Other fee (specify) _____</td></tr> <tr> <td colspan="4"> SUBTOTAL (1) (\$) 690 </td> <td colspan="4"> SUBTOTAL (3) (\$) 0 </td> </tr> <tr> <td colspan="4"> SUBMITTED BY Name (Print/Type) Wayne S. Breyer Signature  </td> <td colspan="4"> Complete (if applicable) Registration No. (Attorney/Agent) 38,089 Telephone (732) 706-3497 Date June 9, 2000 </td> </tr> </tbody> </table>				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205 65 Surcharge - late filing fee or oath		127	50	227 25 Surcharge - late provisional filing fee or cover sheet		139	130	139 130 Non-English specification		147	2,520	147 2,520 For filing a request for reexamination		112	920*	112 920* Requesting publication of SIR prior to Examiner action		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action		115	110	215 55 Extension for reply within first month		116	380	216 190 Extension for reply within second month		117	870	217 435 Extension for reply within third month		118	1,360	218 680 Extension for reply within fourth month		128	1,850	228 925 Extension for reply within fifth month		119	300	219 150 Notice of Appeal		120	300	220 150 Filing a brief in support of an appeal		121	260	221 130 Request for oral hearing		138	1,510	138 1,510 Petition to institute a public use proceeding		140	110	240 55 Petition to revive - unavoidable		141	1,210	241 605 Petition to revive - unintentional		142	1,210	242 605 Utility issue fee (or reissue)		143	430	243 215 Design issue fee		144	580	244 290 Plant issue fee		122	130	122 130 Petitions to the Commissioner		123	50	123 50 Petitions related to provisional applications		126	240	126 240 Submission of Information Disclosure Stmt		581	40	581 40 Recording each patent assignment per property (times number of properties)		146	760	246 380 Filing a submission after final rejection (37 CFR § 1.129(a))		149	760	249 380 For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____				Other fee (specify) _____				SUBTOTAL (1) (\$) 690				SUBTOTAL (3) (\$) 0				SUBMITTED BY Name (Print/Type) Wayne S. 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